

## PuroPal Complete-2 Make-Up Water Unit



**Treats 55 USG**  
(inlet water @ 200ppm)

- Ⓐ High-grade stainless-steel cylinder houses replaceable mixed-bed resin
- Ⓐ 2L resin capacity, treats approximately 55USG (based on inlet water @ 200ppm)
- Ⓐ Comes pre-assembled with wall bracket
- Ⓐ Includes a PuroPal Meter (Monitors flow & conductivity)
- Ⓐ Each unit includes shut off valves, float-style air vent
- Ⓐ Removes scale producing ions like calcium and magnesium
- Ⓐ Lowers electrical conductivity, which reduces corrosion
- Ⓐ Removes aggressive salts such as chlorides, sulphates, and nitrates which attack metals like stainless steel, copper, and aluminum
- Ⓐ Demineralized water meets the strict water quality requirements from boiler and glycol manufacturers
- Ⓐ An economical and convenient alternative to pre-blended glycol



PuroPal Complete series make-up water demineralization units are the ideal solution for fixed placement applications when used to provide 'top-up' treated water in closed-loop hydronic systems. All Axiom make-up water demineralizers utilized a replaceable ion-exchange mixed-bed resin to ensure that the delivered fluid is a high quality (low conductivity) H<sub>2</sub>O source.





## PUROPAL - COMPLETE 2 TECHNICAL INFORMATION

### APPLICATION :

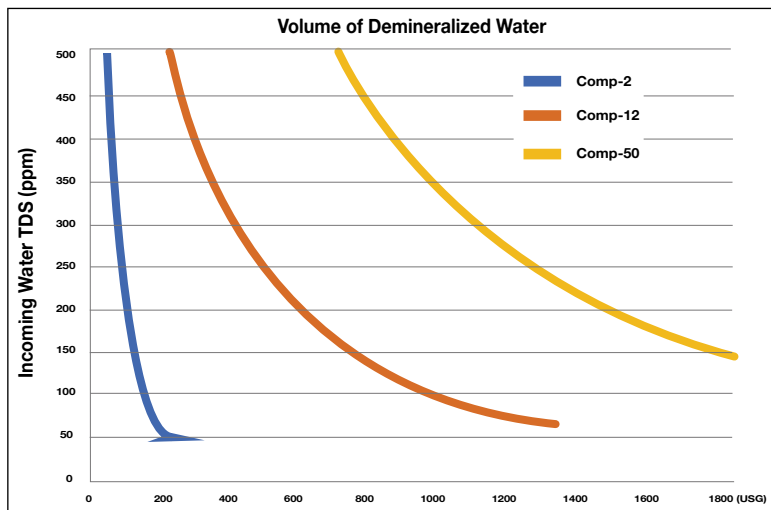
The closed loop system is filled using local domestic water which has been run through the Puropal-Complete. In doing so the water is demineralized, meeting fill water specifications of glycol and boiler manufacturers. It is also convenient to demineralize an existing “water only” system by circulating the system water through the Puropal-Complete demineralizer. Not for drinking water.

### PERMANENT CONNECTION :

Puropal-Complete is pressure tested to 87 psi (600 kPa) and is therefore suitable for making a permanent connection between the local domestic water supply and the closed loop heating or cooling system.

### CAPACITY OF THE ION EXCHANGER :

The capacity of the ion exchange resin depends on the water hardness. The capacity for each Puropal-Complete can be read off the graphs below. Example: With a hardness of 11.7 gpg (200 ppm), Puropal-Complete-2 provides 53 gal (200 l) of completely demineralized water, Puropal-Complete-12 provides 500 gal (1900 l), and Puropal-Complete-50 provides 1780 gal (6750 l).



### SPECIFICATION :

The H<sub>2</sub>O demineralizer shall be AXIOM INDUSTRIES LTD. model PUROPAL-COMPLETE-\_\_\_\_\_. System shall include S.S. housing, brass head with air filter, two isolation ball valves, 3/4" brass male GHT inlet and outlet, conductivity and flow meter with programmable conductivity limit, limit warning signal light, automatic water quality monitor, total litres treated display, comes with 3xAAA batteries, and wall mounting bracket. Puropal-Complete and flow meter are pressure tested to 87 psi (600 kPa).

### OPTIONAL ACCESSORIES :

- 1 x MBR-2** -- Mixed bed resin 1.3L (replacement media for the Puropal-Complete-2)

### LIMITED WARRANTY :

The Axiom PUROPAL Complete-2 H<sub>2</sub>O demineralizer is warranted against defects in materials and workmanship for one year

Project \_\_\_\_\_

Consultant \_\_\_\_\_

Unit Tag \_\_\_\_\_

Location \_\_\_\_\_

Contractor \_\_\_\_\_

Sales Agent \_\_\_\_\_